

# AIRCRAFT A-Z



## AC-130H/U Gunship

**Primary function:** Close-air support, air interdiction and force protection. **Speed:** 300 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 6 in. **Range:** 1,496 mph; unlimited with air refueling. **Armament:** AC-130H, 20 mm Vulcan cannons, 40 mm Bofors cannon and 105 mm Howitzer; AC-130U, 25 mm Gatling gun, 40 mm Bofors cannon and 105 mm cannon. **Crew:** AC-130H, 14 and AC-130U, 13. **Inventory:** AC-130H, eight; AC-130U, 13.



## B-1B Lancer

**Primary function:** Long-range, multi-role, heavy bomber. **Speed:** 900-plus mph. **Dimensions:** Wingspan 137 ft. extended forward, 79 ft. swept aft; length 146 ft.; height 34 ft. **Range:** Intercontinental, unrefueled. **Armament:** 24 GBU-31 GPS-aided JDAM (both Mk-84 general purpose bombs and BLU-109 penetrating bombs) or 24 Mk-84 2,000-pound general purpose bombs; 8 Mk-65 naval mines; 84 Mk-82 500-pound general purpose bombs; 84 Mk-62 500-pound naval mines; 30 CBU-87/89/97 cluster munitions; 30 CBU-103, 15 CBU-104/105 WCMD, 24 AGM-158 JASSMs or 12 AGM-154 JSOWs. **Crew:** Four. **Inventory:** 67.



## A/OA-10/A Thunderbolt II

**Primary function:** A-10, close-air support; OA-10, airborne forward air control. **Speed:** 420 mph. **Dimensions:** Wingspan 57 ft. 6 in.; length 53 ft. 4 in.; height 14 ft. 8 in. **Range:** 800 miles. **Armament:** 30 mm seven-barrel Gatling gun; up to 16,000 pounds of mixed ordnance, including 500 pound Mk-82 and 2,000 pound Mk-84 series low/high drag bombs, incendiary cluster bombs, combined effects munitions, mine dispensing munitions, AGM-65 Maverick missiles and laser-guided/electro-optically guided bombs; infrared countermeasure flares; electronic countermeasure chaff; jammer pods; 2.75-inch rockets; illumination flares and AIM-9 Sidewinder missiles. **Crew:** One. **Inventory:** A-10, 129 and OA-10, 75; Guard, A-10, 76 and OA-10, 26; Reserve, A-10, 44 and OA-10, seven.



## B-2A Spirit

**Primary function:** Multi-role heavy bomber. **Speed:** High subsonic. **Dimensions:** Wingspan 172 ft.; length 69 ft.; height 17 ft. **Range:** Intercontinental, unrefueled. **Armament:** M117, Mk-62/82/84, CBU-87/89/97, GBU-28/31/38, AGM-154A, AGM-158A and nuclear weapons. **Crew:** Two. **Inventory:** 21.



## B-52H Stratofortress

**Primary function:** Heavy bomber. **Speed:** 650 mph. **Dimensions:** Wingspan 185 ft.; length 159 ft. 4 in.; height 40 ft. 8 in. **Range:** 8,800 miles unrefueled. **Armament:** M117, Mk-56/62/64/82/84, CBU-87/89/97/103/104/105, AGM-86B/C/D/129A/154/158A, GBU-10/12/28/31, nuclear weapons. **Crew:** Five. **Inventory:** 85; Reserve, nine.



### C-130E/H/J Hercules

**Primary function:** Global airlift. **Speed:** C-130E, 345 mph; C-130H, 366 mph; C-130J 417 mph; C-130J-30, 410 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 10 in. **Range:** C-130E, 1,150 miles; C-130H, 1,208 miles, C-130J 2,071 miles. **Crew:** C-130E/H, five; C-130J, three. **Inventory:** C-130E, 130; C-130H, 63; C-130J, four and NC-130H, one (test); Guard C-130E, 41; C-130H, 141; and C-130J, 17; Reserve C-130E, eight; C-130H, 77; and C-130J, four.



### C-135C/E Speckled Trout

**Primary function:** Executive airlift/avionics testbed. **Speed:** 530 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 136 ft. 3 in.; height 41 ft. 8 in. **Range:** 3,900 miles. **Crew:** Four. **Inventory:** C-135C, one and C-135E, one.



### C-20B/C/H

**Primary function:** Operational support airlift and special air missions. **Speed:** 576 mph. **Dimensions:** Wingspan 77 ft. 10 in.; length C-20B 83 ft. 2 in., C-20H 88 ft. 4 in.; height 24 ft. 6 in. **Range:** C-20B, 4,250 miles; C-20H, 4,850 miles. **Crew:** Five. **Inventory:** C-20B, five; C-20C, three; and C-20H, two.



### C-141C Starlifter

**Primary function:** Cargo and troop transport. **Speed:** 500 mph. **Dimensions:** Wingspan 160 ft.; length; 168 ft. 4 in.; height 39 ft. 3 in. **Range:** Unlimited with in-flight refueling. **Crew:** Five (six for airdrops). **Inventory:** Reserve, 10.



### C-21A

**Primary function:** Passenger and cargo airlift. **Speed:** 530 mph. **Dimensions:** Wingspan 39 ft. 6 in.; length 48 ft. 7 in.; height 12 ft. 3 in. **Range:** 1,026 miles. **Crew:** Two. **Inventory:** 74; Guard, two.





#### **C-17A Globemaster III**

**Primary function:** Cargo and troop transport. **Speed:** 518 mph. **Dimensions:** Wingspan 169 ft. 10 in. (to winglet tips); length 174 ft.; height 55 ft. 1 in. **Range:** Unlimited with aerial refueling. **Crew:** Three. **Inventory:** 129; Guard, eight.



#### **C-32A/B**

**Primary function:** High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 124 ft. 8 in.; length 155 ft. 3 in.; height 44 ft. 6 in. **Range:** 6,329 miles. **Crew:** 16. **Inventory:** C-32A, four; Guard C-32B, two.



#### **C-37A**

**Primary function:** Special air missions. **Speed:** 600 mph. **Dimensions:** Wingspan 93 ft. 6 in.; length 96 ft. 5 in.; height 25 ft. 11 in. **Range:** 6,300 miles. **Crew:** Five. **Inventory:** Nine.

**C-38A**

**Primary function:** Special air missions. **Speed:** 540 mph. **Dimensions:** Wingspan 54 ft. 7 in.; length 55 ft. 7 in.; height 18 ft. 2 in. **Range:** 3,000 miles. **Crew:** Three. **Inventory:** Guard, two.

**C-40B/C**

**Primary function:** High-priority personnel transport. **Speed:** 530 mph. **Dimensions:** Wingspan 117 ft. 5 in.; length 110 ft. 4 in.; height 41 ft. 2 in. **Range:** 5,000 miles. **Crew:** 10. **Inventory:** C-40B, four; Guard C-40C, three.

**C-9A/C Nightingale**

**Primary function:** Passenger movement. **Speed:** 565 mph. **Dimensions:** Wingspan 93 ft. 3 in.; length 119 ft. 3 in.; height 27 ft. 5 in. **Range:** More than 2,000 miles. **Crew:** Eight. **Inventory:** C-9A, one and C-9C, three; Reserve, C-9A, three.

**E-3B/C Sentry (AWACS)**

**Primary function:** Airborne surveillance, command, control and communications. **Speed:** 360 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 145 ft. 8 in.; height 41 ft. 4 in.; rotodome, 30 ft. diameter, 6 ft. thick, mounted 11 ft. above fuselage. **Range:** More than eight hours unrefueled. **Crew:** 17-23. **Inventory:** E-3B, 23; E-3C, nine.

**C-5A/B/C Galaxy**

**Primary function:** Outsize cargo transport. **Speed:** 518 mph. **Dimensions:** Wingspan 222 ft. 9 in.; length 247 ft. 1 in.; height 65 ft. 1 in. **Range:** 6,320 miles. **Crew:** Seven. **Inventory:** C-5A, 11; C-5B, 50; C-5C, two; Guard C-5A, 17; Reserve C-5A, 32.

**C-12 Huron C/D/F/J**

**Primary function:** Passenger/cargo airlift; pilot seasoning. **Speed:** 336 mph. **Dimensions:** Wingspan 54 ft. 6 in.; length 43 ft. 9 in.; height 14 ft. 9 in. **Range:** 1,026 miles. **Crew:** Two. **Inventory:** C-12C, 16; C-12D, six; C-12F, two; C-12J, four.





#### EC-130E/J Commando Solo

**Primary function:** Psychological and information operations. **Dimensions:** Wingspan EC-130E, 132 ft. 7 in. and EC-130J, 132 ft. 6 in.; length EC-130E 100 ft. 6 in. and EC-130J, 97 ft.; height EC-130E, 38 ft. 6 in. and EC-130J, 38 ft. 8 in. **Speed:** EC-130E, 305 mph and EC-130J, 335 mph. **Range:** EC-130E unrefueled, 1,726 miles and EC-130J unrefueled 2,646 miles. **Crew:** EC-130E, 16 and EC-130J, 10. **Inventory:** EC-130E, two; Guard, EC-130E, two and EC-130J, six.



#### F-15A/B/C/D/E Eagle and F-15E Strike Eagle

**Primary function:** Tactical fighter. F-15E Strike Eagle — air-to-ground attack aircraft. **Dimensions:** Wingspan 42 ft. 8 in.; length 63 ft. 8 in.; height 18 ft. 5 in. **Speed:** 1,875 mph. Strike Eagle mach 2.5 plus. **Range:** 3,450 miles. Strike Eagle 2,400 miles. **Armament:** One internally mounted M-61A1 20mm 20-mm, six-barrel cannon with 940 rounds of ammunition; four AIM-9L/M Sidewinder and four AIM-7F/M Sparrow air-to-air missiles, or eight AIM-120 AMRAAMs, carried externally. Strike Eagle — any air-to-surface weapon in the Air Force inventory (nuclear and conventional). **Crew:** F-15A/C, one; F-15B/D/E, two; Strike Eagle, two. **Inventory:** F-15C, 311; F-15D, 51; F-15E, 223; Guard F-15A, 92; F-15B, 15; F-15C, 28; and F-15D, three.



#### E-4B

**Primary function:** Airborne operations center. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 4 in.; height 63 ft. 5 in. **Range:** 12 hours unrefueled. **Crew:** Up to 114. **Inventory:** Four.



#### E-8C Joint STARS

**Primary function:** Airborne battle management. **Dimensions:** Wingspan 145 ft. 9 in.; length 152 ft. 11 in.; height 42 ft. 6 in. **Speed:** 448-586 mph. **Range:** Nine hours unrefueled. **Crew:** 22. **Inventory:** Guard (total force wing), 17; one TE-8A, (trainer).



#### EC-130H Compass Call

**Primary function:** Electronic warfare, suppression of enemy air defenses and offensive counter information. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Speed:** 366 mph. **Crew:** 13. **Inventory:** 14; one TC-130H (trainer).



### F-117A Nighthawk

**Primary function:** Fighter/attack. **Dimensions:** Wingspan 43 ft. 4 in.; length 63 ft. 9 in.; height 12 ft. 95. in. **Speed:** High subsonic. **Range:** Unlimited with air refueling. **Armament:** Mk-82/84, CBU-87/89, GBU-10/12/27/31. **Crew:** One. **Inventory:** 52, YF-117A, three.



### Force Protection Airborne Surveillance System/Desert Hawk

**Primary function:** Aerial reconnaissance. **Speed:** 55 mph. **Dimensions:** Wingspan 4 ft. 4 in.; length 2 ft. 10 in.; weight 7 lbs. **Range:** 3.2 miles. **Endurance:** One hour. **Crew:** Navigates autonomously.



### HC-130N/P

**Primary function:** Air refueling for combat search and rescue helicopters. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** Beyond 4,000 miles. **Crew:** 10. **Inventory:** HC-130N, three and HC-130P, 15; Guard, HC-130N, six and HC-130P, three; Reserve, HC-130N, one and HC-130P, four.



### F-16A/B/C/D Fighting Falcon

**Primary function:** Multi-role fighter. **Speed:** 1,500 mph. **Dimensions:** Wingspan 32 ft. 8 in.; length 49 ft. 5 in.; height 16 ft. **Range:** 2,000 miles. **Armament:** One M-61A1 20mm multi-barrel cannon with 500 rounds; external stations can carry up to six air-to-air missiles, conventional air-to-air and air-to-surface munitions and electronic countermeasure pods. M129, Mk-82/84, GBU-10/12/24/27, CBU-87/89/97/103/104/105, AGM-65/88/154/158. **Crew:** F-16C, one; F-16D, one or two. **Inventory:** F-16A, four; F-16B, 14; F-16C, 587; F-16D, 130; Guard, F-16A, 43; F-16B, 13; F-16C, 434; F-16D, 40; Reserve, F-16C, 59; F-16D, 10.



### F/A-22A Raptor

**Primary function:** Multi-role fighter. **Speed:** 1,500 mph. **Dimensions:** Wingspan 32 ft. 8 in.; length 62 ft. 1 in.; height 16 ft. 8 in. **Range:** 3,450 miles. Without external tanks, more than 1,200 miles. **Armament:** 20 mm multi-barrel Gatling gun, AIM-120C AMRAAM, AIM-9, GBU-32. **Crew:** One. **Inventory:** 40.





#### **KC-10A Extender**

**Primary function:** Aerial tanker and transport. **Speed:** 619 mph. **Dimensions:** Wingspan 165 ft. 4 in.; length 181 ft. 7 in.; height 57 ft. 1 in. **Range:** 4,400 miles with cargo, 11,500 miles without cargo. **Crew:** Four. **Inventory:** 59.



#### **HH-60G Pave Hawk**

**Primary function:** Combat search and rescue. **Speed:** 184 mph. **Dimensions:** Length 64 ft. 8 in.; width 7 ft. 9 in.; height 16 ft. 8 in.; rotor diameter 53 ft. 7 in. **Range:** 445 miles. **Armament:** Two 7.62 mm miniguns. **Crew:** Four. **Inventory:** 69; Guard, 18; Reserve, 15.



#### **KC-135D/E/R/T Stratotanker**

**Primary function:** Aerial refueling and airlift.

**Speed:** 530 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 136 ft. 3 in.; height 41 ft. 8 in. **Range:** 1,500 miles with 150,000 lbs. of transfer fuel; ferry mission 11,015 miles. **Crew:** Three. **Inventory:** KC-135E, one; KC-135R, 175; KC-135T, 31; Guard, KC-135D, four; KC-135E, 99; KC-135R, 124; KC-135T, 16; Reserve, KC-135E, 12; KC-135R, 64; KC-135T, seven. (T-Model converted with crew of four for special testing); NKC-135B, one and NKC-135E, one. (NKC model modified as Airborne Laser testbed.)



#### **LC-130**

**Primary function:** Tactical and intratheater airlift with special capability for accessing polar regions.

**Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in.; height 38 ft. 3 in. **Range:** 2,500 miles. **Crew:** Six. **Inventory:** Guard, 10.



#### **MC-130E/H Combat Talon I and II**

**Primary function:** Special operations. **Dimensions:** Wingspan 132 ft. 7 in.; length MC-130E 100 ft. 10 in. and MC-130H 99 ft. 9 in.; height 38 ft. 4 in. **Range:** 3,107 miles. **Crew:** MC-130E, nine; MC-130H, seven. **Inventory:** MC-130H, 20; Reserve, MC-130E, 14.



#### **MH-53J/M Pave Low III/IV**

**Primary function:** Special operations. **Speed:** 165 mph. **Dimensions:** Length 88 ft.; width 9 ft.; height 25 ft.; rotor diameter 72 ft. **Range:** 690 miles. **Armament:** Any combination of three 7.62 mm mini-guns or three .50-caliber machine guns. **Crew:** Six. **Inventory:** MH-53J, 11 and MH-53M, 22.



#### **MQ-1 Predator**

**Primary function:** Armed reconnaissance, airborne surveillance and target acquisition. **Speed:** Up to 135 mph. **Dimensions:** Wingspan 48 ft. 7 in.; length 27 ft.; height 6 ft. 9 in. **Range:** 454 miles. **Inventory:** MQ-1, 57; YMQ-9A (testing), four.



#### **OC-135B Open Skies**

**Primary function:** Unarmed observation to support Open Skies Treaty. **Speed:** More than 500 mph. **Dimensions:** Wingspan 131 ft.; length 135 ft.; height 42 ft. **Range:** 3,900 miles. **Crew:** Seven. **Inventory:** Two.



#### **MC-130P Combat Shadow**

**Primary function:** Air refueling for special operations forces helicopters. **Speed:** 289 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 98 ft. 9 in.; height 38 ft. 6 in. **Range:** 4,000 miles. **Crew:** Eight. **Inventory:** 23; Guard, four.



#### **RQ-4A Global Hawk**

**Primary function:** High-altitude, long-endurance unmanned aerial reconnaissance system. **Speed:** 390 mph. **Dimensions:** Wingspan 116 ft. 2 in.; length 44 ft. 4 in.; height 15 ft. 2 in. **Range:** 15,535 miles. **Endurance:** 35 hours. **Crew:** Four on the ground. **Inventory:** Five; YRQ-4A, four.





#### RC-26

**Primary function:** Counterdrug. **Speed:** 288 mph. **Dimensions:** Wingspan 57 ft.; length 59 ft. 4 in.; width 16 ft. 8 in. **Range:** 1,380 miles. **Crew:** Two. **Inventory:** Guard, 11.



#### T-1A Jayhawk

**Primary function:** Advanced trainer for airlift and tanker pilots. **Speed:** 538 mph. **Dimensions:** Wingspan 43 ft. 6 in.; length 48 ft. 5 in.; height 13 ft. 11 in. **Range:** 2,557 miles. **Crew:** Three. **Inventory:** 179.



#### T-37B Tweet

**Primary function:** Undergraduate pilot training. **Speed:** 360 mph. **Dimensions:** Wingspan 33 ft. 8 in.; length 29 ft. 3 in.; height 9 ft. 2 in. **Range:** 460 miles. **Crew:** Two. **Inventory:** 232.



#### RC-135S/U Combat Sent and RC-135V/W Rivet Joint

**Primary function:** RC-135S/U — scientific and technical platform; RC-135V/W — reconnaissance. **Speed:** RC-135S/U 403 mph; RC-135V/W 500 mph. **Dimensions:** RC-135S/U wingspan 131 ft. 5 in.; length 140 ft. 1 in.; height 41 ft. 8 in.; RC-135V/W wingspan 131 ft; length 135 ft.; height 42 ft. **Range:** 4,603 miles. **Crew:** Up to 27. **Inventory:** RC-135S, three; RC-135U, two; RC-135V, eight; RC-135W, nine; (trainers) TC-135S, one; TC-135W, two; (test) NC-135W, one.



#### T-38A/C and AT-38B Talon

**Primary function:** Advanced jet pilot training. **Speed:** 812 mph. **Dimensions:** Wingspan 25 ft. 3 in.; length 46 ft. 4 in.; height 12 ft. 10 in. **Range:** 1,093 miles. **Crew:** Two. **Inventory:** T-38A, 151; T-38C, 303 and AT-38B, 31.



#### T-43A

**Primary function:** Navigator training. **Speed:** 535 mph. **Dimensions:** Wingspan 93 ft.; length 100 ft.; height 37 ft. **Range:** 2,995 miles. **Crew:** Two to 20. **Inventory:** Eight.



#### T-6A Texan II

**Primary function:** Undergraduate pilot training. **Speed:** 320 mph. **Dimensions:** Wingspan 33 ft. 5 in.; length 33 ft. 4 in.; height 10 ft. 7 in. **Range:** 1,036 miles. **Crew:** Two. **Inventory:** 204.





**U-2S**  
**Primary function:** High-altitude reconnaissance. **Speed:** 410 mph. **Dimensions:** Wingspan 105 ft.; length 63 ft.; height 16 ft. **Range:** 7,000 miles. **Crew:** U-2S, one; TU-2S, two (trainer). **Inventory:** U-2S, 29; TU-2S, five.



**UH-1H/N/V Huey**  
**Primary function:** Support for distinguished visitors, missile sites, ranges and search and rescue. **Speed:** 115 mph. **Dimensions:** Length 57 ft. 3 in.; width 9 ft. 5 in.; height 12 ft. 10 in.; diameter of main rotor 48 ft.; diameter of tail rotor 8 ft. 6 in. **Range:** 300 miles. **Crew:** Two or three. **Inventory:** UH-1H, 36; UH-1N, 62; UH-1V, three.



**WC-130H/J Hercules**  
**Primary function:** Weather reconnaissance. **Speed:** 350 mph. **Dimensions:** Wingspan 132 ft. 6 in.; length 99 ft. 4 in.; height 38 ft. 6 in. **Range:** 4,000 miles. **Crew:** Six. **Inventory:** Reserve, WC-130H, 10; WC-130J, 10.



**VC-25A Air Force One**  
**Primary function:** Presidential air transport. **Speed:** 630 mph. **Dimensions:** Wingspan 195 ft. 8 in.; length 231 ft. 10 in.; height 63 ft. 5 in. **Range:** 7,800 miles. **Crew:** 26. **Inventory:** Two.



**WC-135C/W Constant Phoenix**  
**Primary function:** Air sampling and collection operations. **Speed:** 403 mph. **Dimensions:** Wingspan 130 ft. 10 in.; length 139 ft. 11 in.; height 42 ft. **Range:** 4,603 miles. **Crew:** Varies with mission. **Inventory:** WC-135C, one and WC-135W, one.